

ABSTRACT

Disclosed is a passive magnetic position sensor comprising contacting spring elements (5, 6) that can be moved against a resistance device (4) with the aid of a magnet (2) and are provided with two tongues (10, 11) by means of which the contacting spring elements (5, 6) face a contact (7). The magnet (2) is able to press both tongues (10, 11) against the contact (7). If one of the tongues (10, 11) is prevented from being contacted as a result of the contact (7) being soiled (12), the other tongue (10, 11) is used for contacting, thus providing the position sensor with high redundancy.